



***Woodworking machinery at its best!***

**8" x 5" PLANER THICKNESSER  
OPERATING INSTRUCTIONS  
MODEL: W588**



**Charnwood, Cedar Court, Walker Road, Bardon, Leicestershire, LE67 1TU**

**Tel. 01530 516 926 Fax. 01530 516 929  
Email; [sales@charnwood.net](mailto:sales@charnwood.net) website; [www.charnwood.net](http://www.charnwood.net)**

# **Introduction**

To get the most out of your new planer thicknesser, please read through this manual and safety instructions before use. Please also save the instructions in case you need to refer to them at a later date.

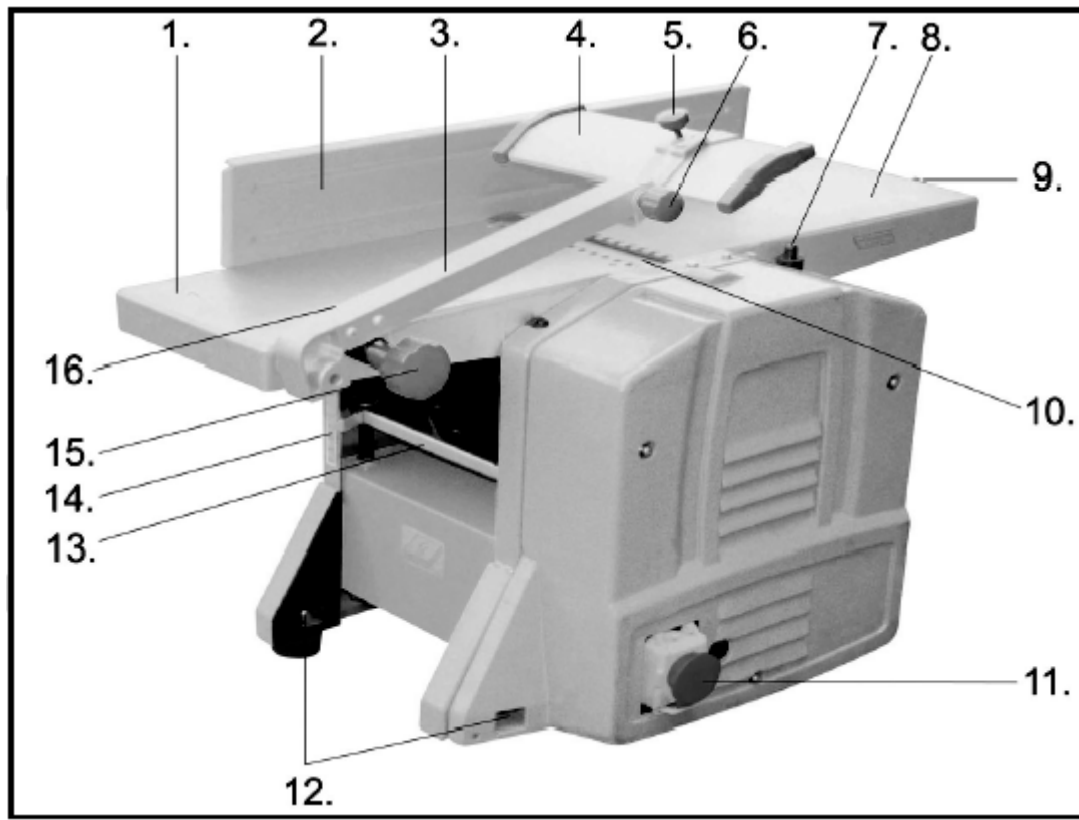
## **Technical data**

Voltage/frequency	230 V ~ 50 Hz
Power rating	1500 W
<i>Planer:</i>	
Planing width	200 mm
Planing depth	0-3 mm
Work table	740 x 210 mm
Working height	360 mm
Fence	530 x 100 mm
Angle range	90-135°
<i>Thicknesser:</i>	
Planing width	200 mm
Capacity	5-127 mm
Planing depth	0-2 mm
Work table	270 x 210 mm
Feed-in speed	8 m/min
No. of blades	2
Extractor outlet	100 mm dia.

## **Main components**

1. Rear table
2. Guide fence
3. Blade guard arm
4. Blade guard
5. Width adjustment knob
6. Angle adjustment knob
7. Depth adjustment handle (thicknesser)
8. Front table
9. Plane depth adjustment knob (plane)
10. Blade housing
11. On/off switch
12. Stabilising holes
13. Thicknesser table
14. Plane depth indicator
15. Arm adjustment knob
16. Hole for depth adjustment (in back table)

An extractor nozzle, tools and blade adjustment gauge are also included (not illustrated here).



## **Special safety instructions**

For planing wood only.

Never use the machine if the blade is not correctly locked in the blade housing.

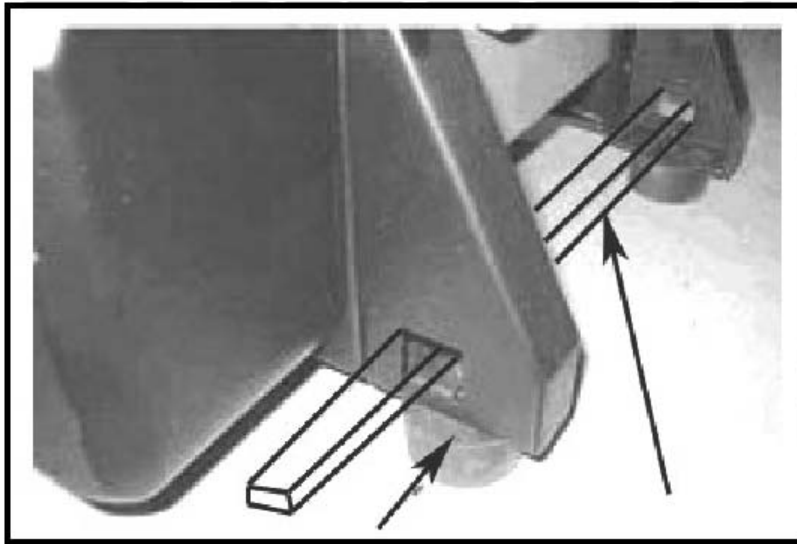
When not in use, cover the blade housing.

Use a piece of scrap wood as a pusher when planing small items.

Never allow fingers or tools to get near the blade when machine is in use.

Never try to plane across the grain.

Test on/off switch regularly.



## **Mounting**

Place on a level, stable surface.

Fit the side guide (2) using the two screws supplied.

Fit blade guard arm (3) to rear table (1) opposite side guide.

Stabilise machine if required by passing a piece of wood through stabilising holes (12) on base. This is advisable if large items are to be planed.

## **Attaching extractor hose**



## **Planing**

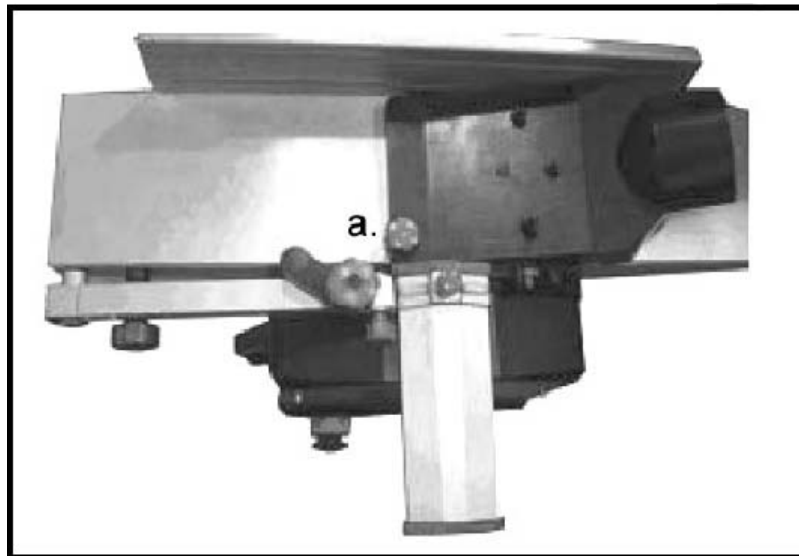
Turn depth adjustment handle (7) anti-clockwise to fully lower thicknesser table (13).

Connect extractor hose to thicknesser table under the front table. The three studs in the extractor nozzle slot into the corresponding holes on the table.  
Raise thicknesser table again by turning handle clockwise, until nozzle fits tightly to underside of table.  
Fit adapter on nozzle and connect to extractor system.



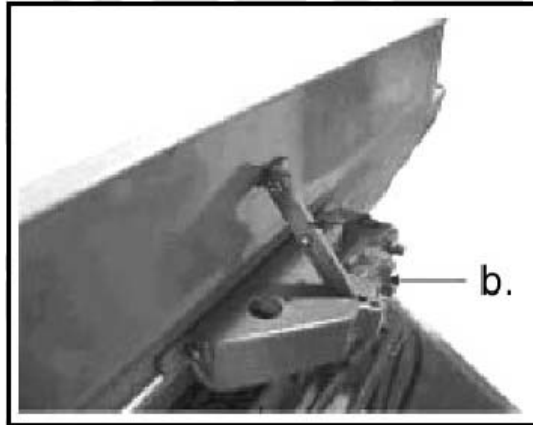
### **Thicknessing**

Slacken width adjustment knob (5) on blade guard (4), and push clear of blade housing (10).  
Fit extractor to back table using handle (a).  
Fit adapter on nozzle and connect to extractor system.



### **Setting guide fence**

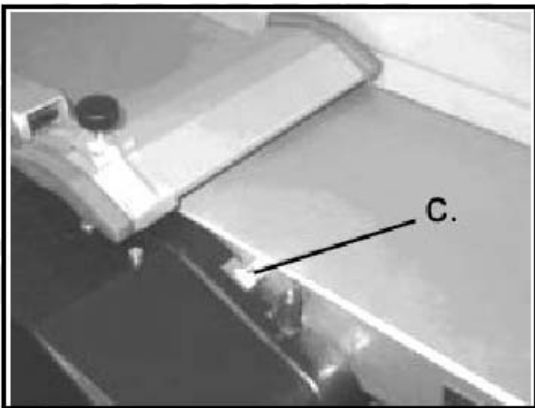
Set guide fence at desired angle (90-135°) using adjustment screw (b)  
Insert plug in mains socket.



## Use Planing

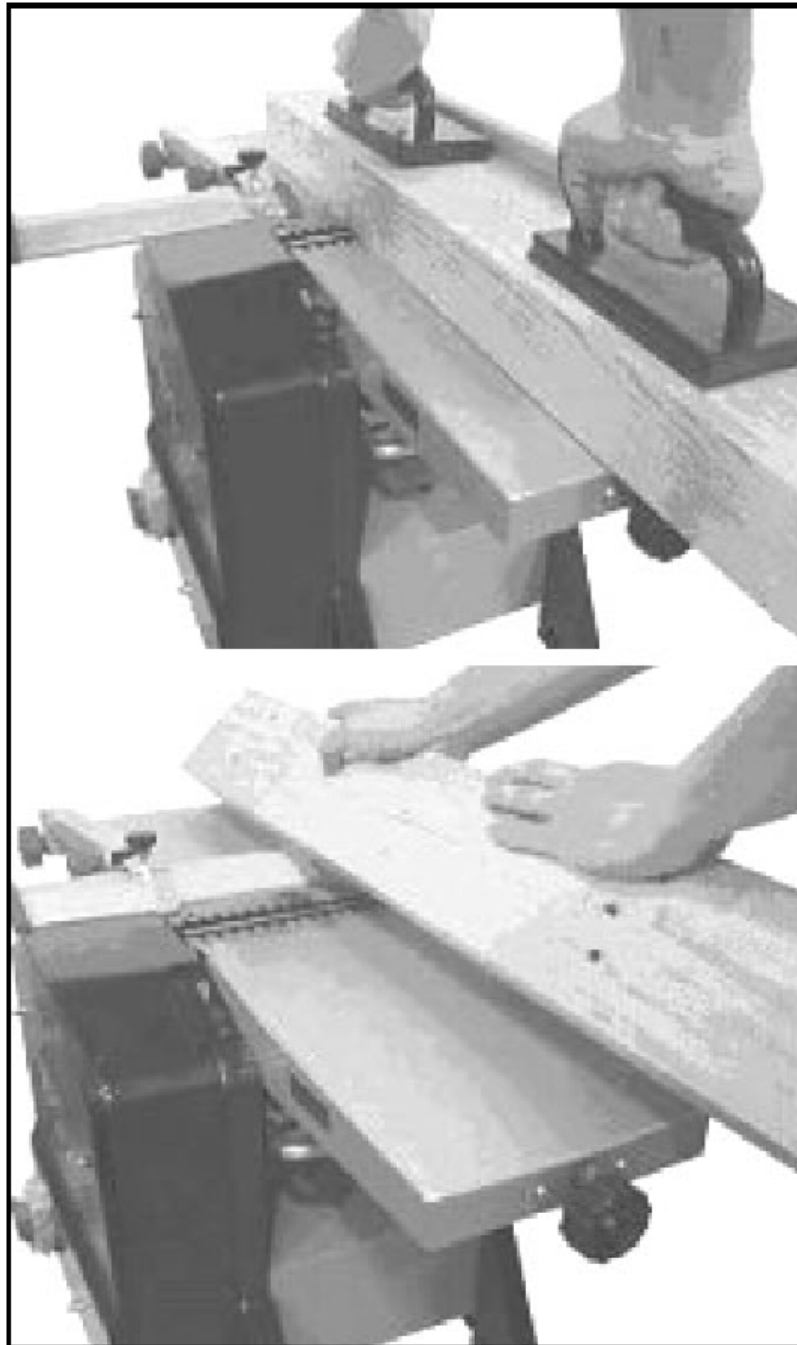
**IMPORTANT:** The Dust Extaction Hood must be fitted underneath the cutterblock before operating the machine.

Sensors will detect if the hood is not fitted correctly and disable the switch.



Turn adjustment knob (9) to lower front table to desired height. Planing depth can be seen on indicator (c)

Place workpiece on front table and set blade guard to required height using arm adjustment knob (15).



The workpiece should be able to pass unhindered under the guard.  
 Set guide fence angle, if planer is to be used for beveling.  
 Start machine at on/off switch (11).  
 Slide item slowly and steadily towards blade.

### **Thicknessing**

**IMPORTANT: The Dust Extaction Hood must be fitted over the cutterblock before operating the machine. Sensors will detect if the hood is not fitted correctly and disable the switch.**

Arrange blade guard over blade housing and secure in place.

Set thicknesser to desired depth using handle.

Planing depth can be seen on indicator (14).

Start machine.

Place workpiece on thicknesser table on side of machine with arrow, and slide slowly and steadily forward with side to be planed facing upwards.

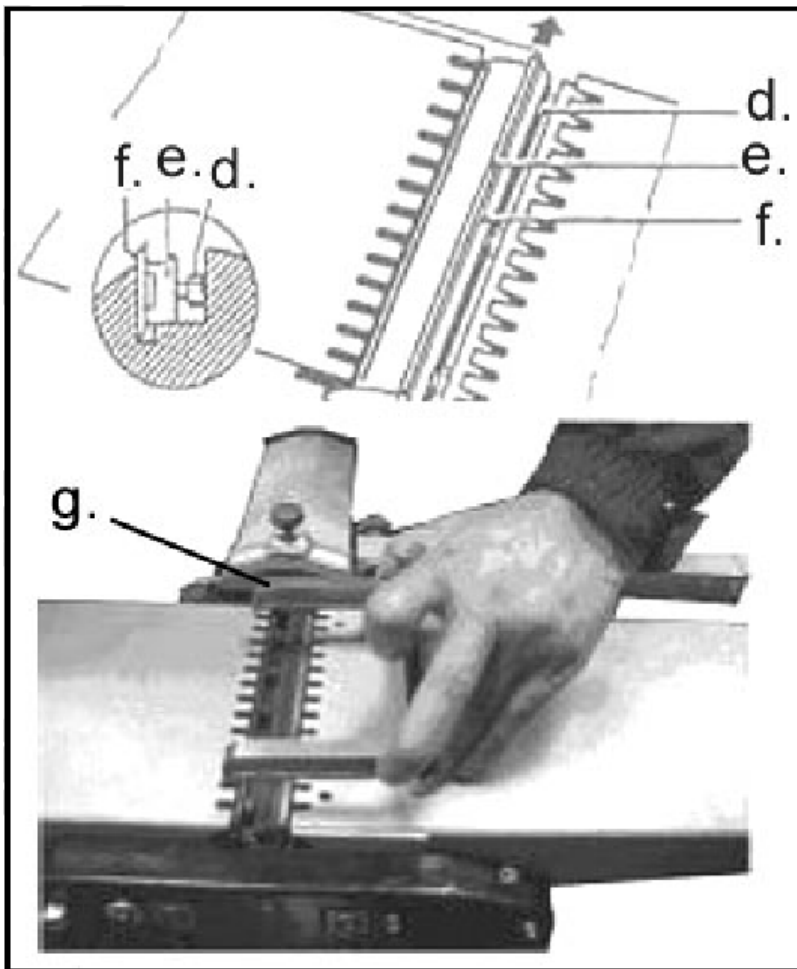
Wedge-shaped items must be planed thick end first.

## General

Switch off machine after use and remove chips and dust from blades.

## Cleaning and maintenance

Always disconnect machine from mains before performing maintenance!



### **Servicing and replacing blades**

Remove side guide and blade guard. Slacken screws (d) with the screwdriver supplied.

Turn blade housing until holder (e) and blade (f) can be removed.

Clean mounting bearings, blade housing and blade with an oily cloth. Replace or sharpen blade if blunted.

Fit blade and holder in blade housing.

Place blade adjustment gauge (g) on rear table and check blade height is even both ends.

Tighten screws with screwdriver.

Check blade can revolve freely.

Fit guide fence and cover blade housing with blade guard.



### **General cleaning**

Remove dust and chips regularly from machine with a brush or compressed air. Check that motor ventilation slots are not blocked.

Lubricate all bearings and moving parts regularly with oil. Avoid getting oil on drive belt.

Regularly remove sap and the like from the front and rear tables with household spirit or petroleum.

### **Environmental information**

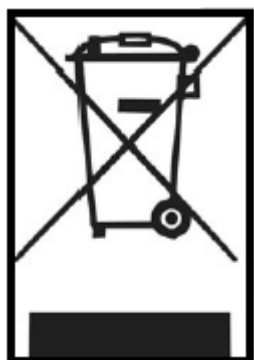
Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local amenity tip and place into the appropriate recycling bin.

Only for EU countries

Do not dispose of electric tools together with household waste material!

In observance of European Directive 2002/96/EC on waste electrical and electronic equipment (EEE) and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Your local refuse amenity will have a separate collection area for EEE goods.



# **Charnwood W588 Parts List**

<b>Part No</b>	<b>Description</b>	<b>Part No</b>	<b>Description</b>
1	Chain tensioning rivet	46	Lock Bolt Components
2	Chain tensioner	47	Cap Nut M5
3	Open Collar 6	48	Big Flat Washer 5
4	Spring washer 5	49	Coupling Stud
5	Nut M5	50	Locating Bush Fixed Workbench
6	Flat Washer 5	51	Locating Bush Moving Workbench
7	Adjustable Chain Wheel	52	Nail Bearing K10x13x13
8	Chain 2 (p=8)	53	Block Tension Spring(B)
9	Positioning table rivet	54	Block
10	Press & shaving material sign	55	Block Tension Spring
11	Hexagon bolt M5 x 12	56	Roller Component
12	Negative Leading screw	57	Planer Blade
13	Active Leading screw	58	Planer Blade Spring
14	Hexagon Socket Stud Bolt M5x20	59	Spring Pin 3x8
15	Open Pin 3x15	60	Planer Blade Binder Plate
16	Sleeve	61	Binder Plate Bolt
17	Racket	62	Bearing
18	Workbench Weld Component	63	Nut M6
19	Crank Connect block	64	Fixed Workbench
20	Guide Plate	65	Flat Washer 4
21	Hexagon Bolt M8x20	66	Hexagon Bolt M4x12
22	Crank Stop	67	Goniometer (A)
23	Crank Bolt	68	Flat Washer 6
24	Crank Nip	69	Spring Washer 6
25	Hexagon Bolt M8x20	70	Male Hexagon Bolt M6x12
26	Flat Washer 4	71	Goniometer Mount
	Cross Recessed Raised Pan Head Screws		
27	M4x10	72	Hexagon Socket Locating Screw
28	Spring Washer 4	73	Hexagon Bolt M6x25
29	Pressing And Shaving Feeding Pointer	74	Big Flat Washer 6
30	Rubber Footing	75	Lock Screw
31	Nut M4	76	Angle Pointer
32	Cable Clip	77	Spring Pin 3x10
33	Cross Recessed Raised Pan Head Screws M4x16	78	Locking Axis
34	Footing Cover Plate (B)	79	Angle Iron
35	Auxiliary Station Plate Welding Component	80	Male Hexagon Bolt M4x15
36	Tapping Screw ST4.2x10	81	Goniometer (B)
37	Rising/Lowering Scale Sign	82	Ruling Plate Welding Component
38	Hexagon Bolt M5x8	83	Dust Exhaust Hood
39	Curve Preventing Sheath	84	Open Collar 6
40	Cover	85	Dust Exhaust Hood
41	Wires	86	Open Collar 6
42	Tapping Screw ST4.2x20	87	Planing Pointer
43	Power Supply Line (Plug)	88	Planing Pointer Sign
			Cross Recessed Raised Pan Head
44	Bolt	89	M5x12
45	Lock Spring	90	Knob

Part No	Description
91	Adjusting Bar
92	Lock Nut M8
93	Lever
94	Insert Block
95	Stopper
96	Tapping Screw ST4.2x6
97	Locking Bush
98	Cantilever Components
99	Bridge Supporting Welding Component
100	Locking Knob
101	Locking Knob
102	Shield Plate
103	Location Limit Screw
104	Locking Clamping Plate
105	Location Clamping Screw
106	Locating Screw
107	Catch
108	Hanging Rod
109	Gasket (brake)
110	Brake
111	Bearing Cover
112	Ball Bearing (6000-2Z)
113	Main Station Plate Welding Component
114	Feeding Scale Sign
115	Ajar Block Spring
116	Hexagon Bolt M5x10
117	Ajar Washer (B)
118	Macro Switch (Idler Wheel Style)
119	Arbor Belt Wheel
120	Multi-Wedge Belt (5PJ604)
121	Bush
122	Big Chain Wheel
123	Hexagon Socket Button Head Screws M6x15
124	Driving Chain (P=12.7)
125	Pinion
126	Multi-Wedge AL Belt Wheel Cross Recessed Raised Pan Head Screws
127	M5x20
128	12 Axis Collar
129	Multi-Wedge Belt (3PJ604)
130	Coupling Stud
131	Housing
132	Main Sign
133	Axis Collar 9
134	Washer (Connection Plate)
135	Small Chain Wheel

Part No	Description
136	Square Bush
137	Big Gear
138	Connection Plate Rivet
139	Connection Plate Tensioning Spring
140	Axis Collar (12) Cross Recessed Raised Pan Head Screws
141	M5x12
142	Spring Washer 3
143	Flat Washer 3
144	Cable Clip
145	Micro-Switch Connecting
146	Driving Pulley
147	Ajar Block Screw
148	Micro-Switch Block
149	Eccentric Axis Washer
150	Spring Washer 8 Hexagon Half Socket Button Head Screws
151	M8x15
152	Motor
153	Footing Cover (A)
154	Exterior Teeth Locking Gasket 4
155	M16 Fastener
156	Switch Box Mount Cross Recessed Raised Pan Head Screws
157	M5x10
158	7A Overload Protector
159	Switch Box Cover
160	Tapping Screw T4.2x15
161	Thin Nut M12
162	KJD12-16 Main Switch
163	Eccentric Axis
164	Movable Workbench
165	Brush Housing Fixing Screw M4x12
166	Cable Clip (Motor)
167	Motor Shell
168	Brush Housing
169	Carbon Brush
170	Nut
171	Ball Bearing 6101
172	Inductance
173	Stator-End Insulation
174	Armature
175	Stator-End Insulation
176	Stator Terminal Insulation
177	Tapping Screw ST5x56
178	Vane
179	Ball Bearing 80201
180	Motor Cover

## Charnwood W588 Exploded View Diagram

